

Fig. 2

Multicast group	Foreign subnetwork	Direct forwarding packet arrival time period
Α	SN(1)	2sec
A	SN(2)	1
A	SN(3)	4
Α	SN(4)	3
В	SN(1)	1
В	SN(2)	2
В	"SN(5)	3
В	SN(6)	3
		10 10 10 10 10 10 10 10 10 10 10 10 10 1
G	SN(m)	2
G	SN(n)	. 1:.
G	SN(k)	4
G	SN(j)	99
	~	

Fig. 3

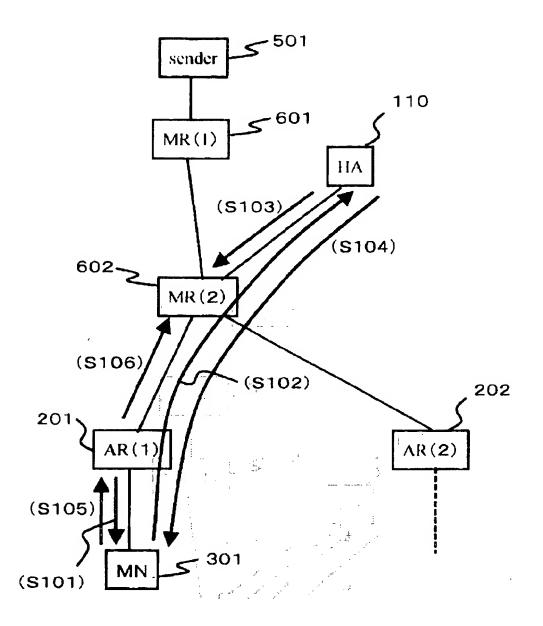


Fig. 4

	ר ה		2	,		,	,		֓֞֡֓֞֓֓֞֜֜֞֜֞֜֓֞֞֜֞֜֞֜֞֡֡֓֡֡֡֡֡֡֡֡֡֡֡֡֡
up (2)	Multicast lifetime	I	13	0	1	ı	0	<u></u>	- ₹ }-
Multicast group (2)	Leave	l	0	0	ı	ı	0	0	<b>-</b> ₹
Multi	Address	ı	MCA(C)	MCA(C)	ı	i	MCA(D)	MCA(E)	-12
p (1)	Multicast lifetime	10	0	3	1	51	6	01	} }
Multicast group (1)	Leave flag	С	0	0	ı	0	0	0	> }
	Address	MCA(G)	MCA(A)	MCA(A)	i	MCA(B)	MCA(B)	MCA(C)	} }
Multicast compatible flag		-	l			1	0	ļ	
9		920	220	315	<u> </u>	320	400	405	
4-0	Š	CoA(1)	CoA(a)	CoA(c)	l	CoA(e)	CoA(f)	CoA(g)	_
4	e Cor	HoA(1)	Ho <b>A(B</b> )	HoA(b)	HoA(d)	HoA(e)	ΙΙοΑίτ)	HoA(g)	

Fig. 5

		7	<del></del>	<del>-</del> ~ }-	_	<del></del>		<del>,</del>	<b>→ }</b>
HoA	HoA(m), HoA(n)	HoA(m), HoA(k)	HoA(1)		HoA(1)	HoA(u), HoA(v), HoA(w)	HoA(x)	HoA(y)	
				₹ ₹-					٦ ٢
Number of HoAs	2	2	-		<b>,</b>	Ó	<b>-</b>	-	
-		6 h.		<b>-</b> ₹ }-	-		1000-0-		- (
Multicast group address	MCA(A)	MCA(B) ⊹	MCA(C)		MCA(G)	MCA(H)	MCA(I)	MCA(I)	
				ـ ۲ ډـ					ا ۲

Fig. 6

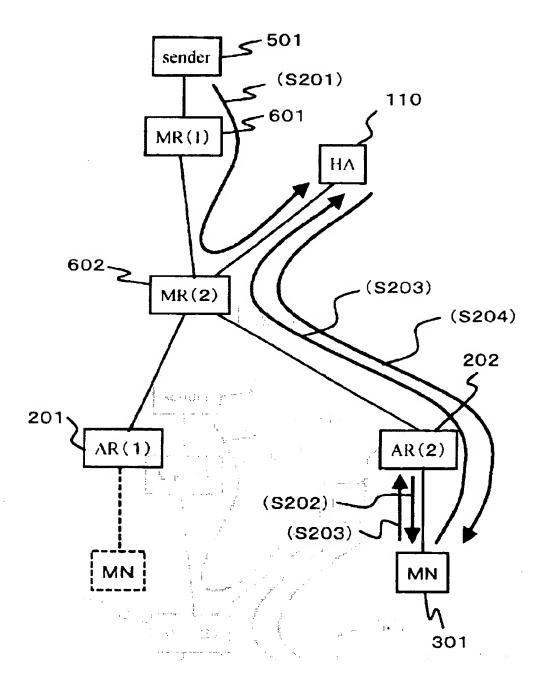


Fig. 7

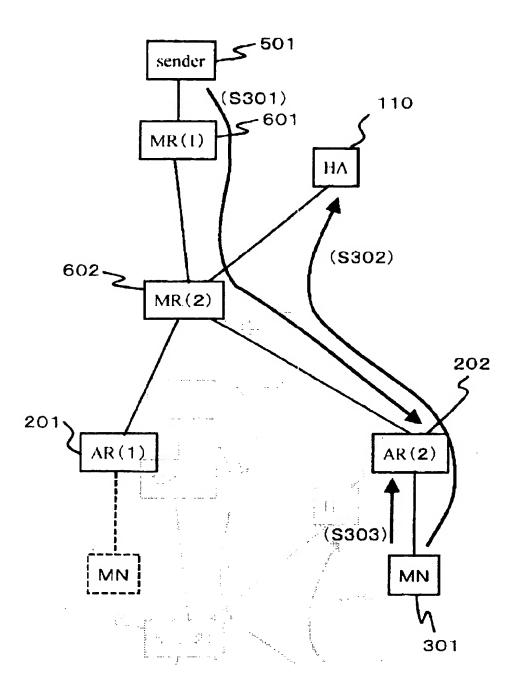
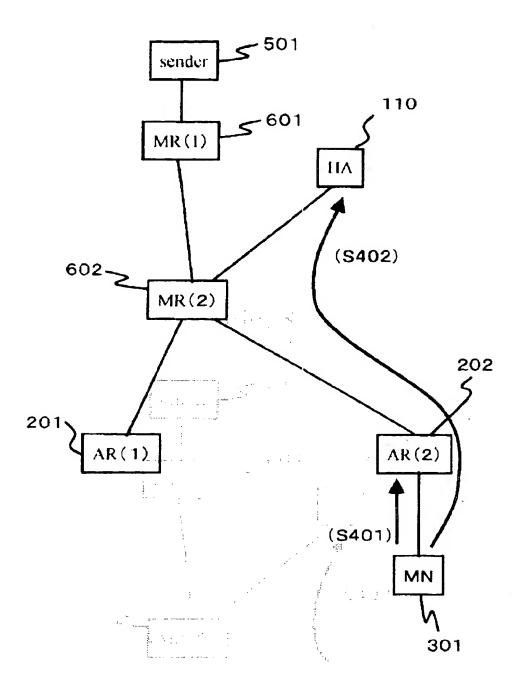


Fig. 8



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External packet output

110

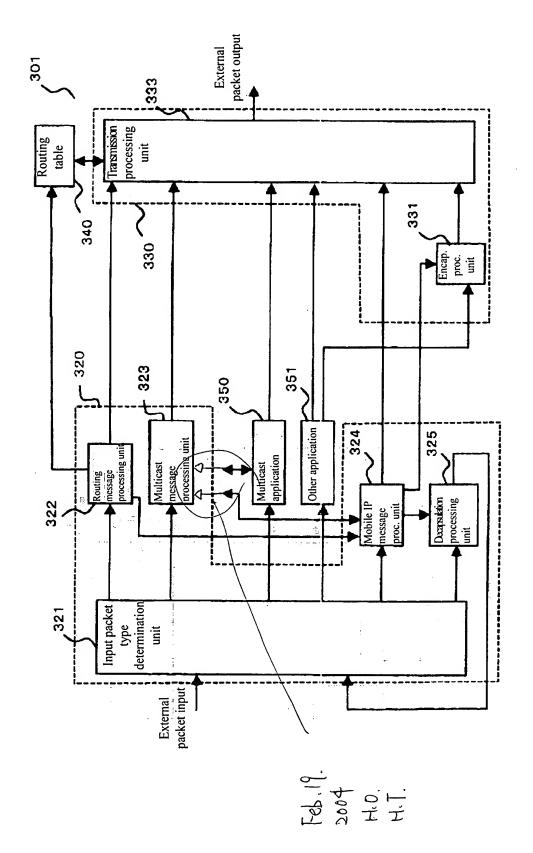


Fig. 11

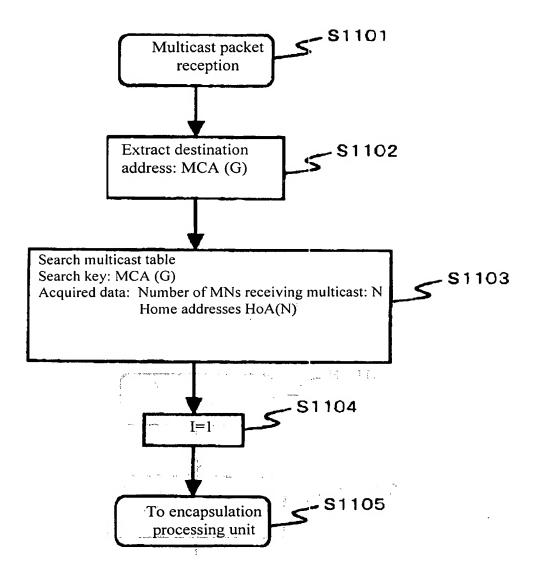
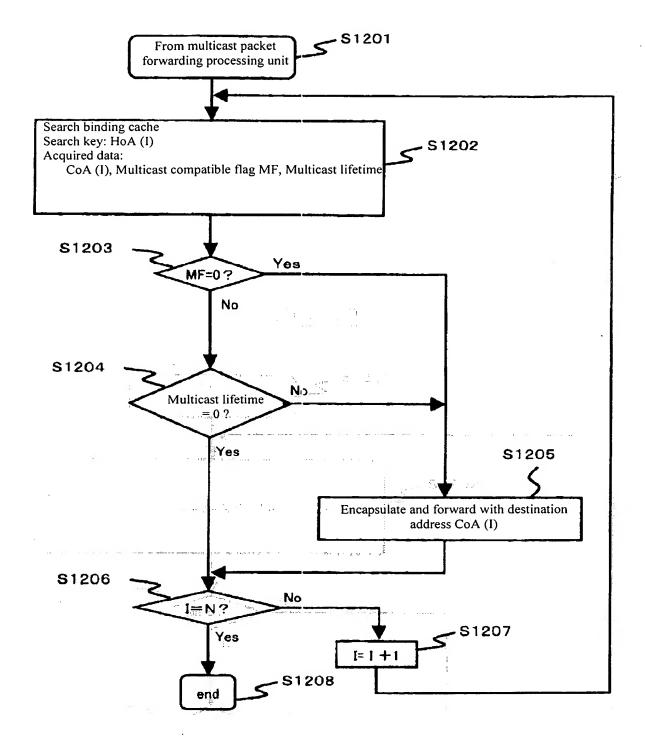


Fig. 12



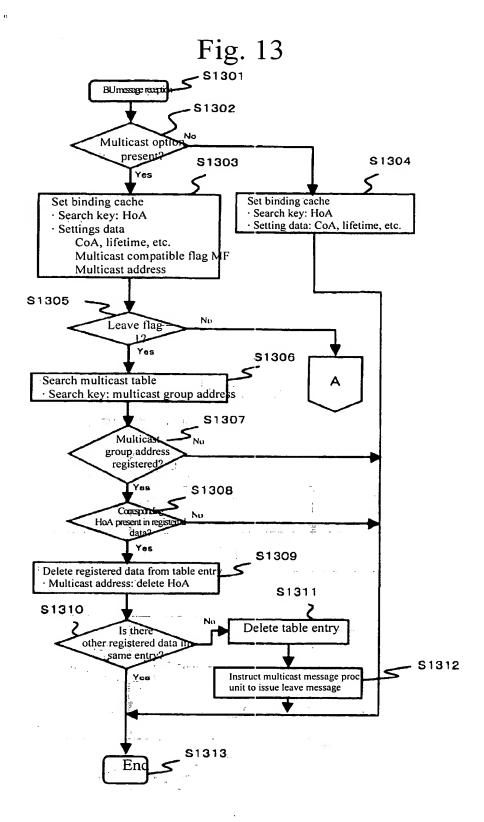


Fig. 14

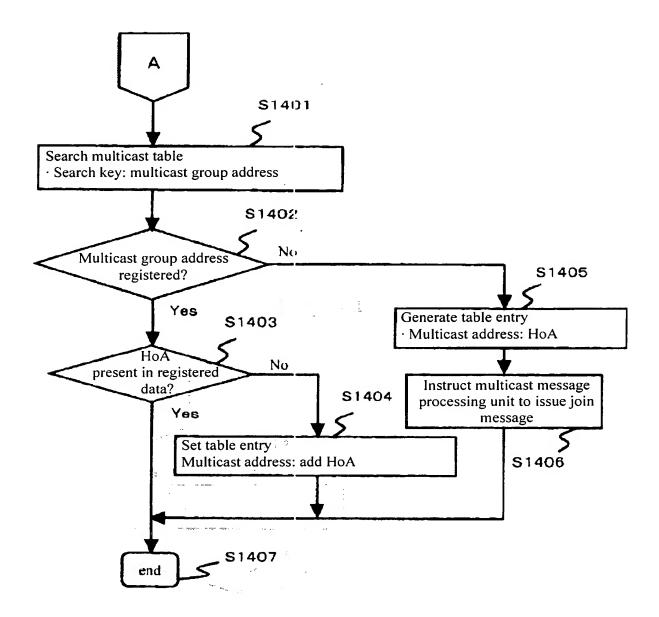


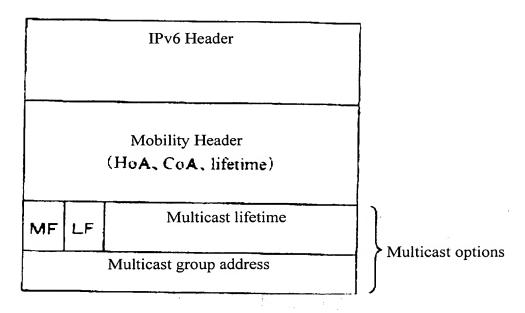
Fig. 15

 G 2	G1 HοΛ1	WNs Inditional Of technils
HoA5, IIoA6	HοΛ1, HοΑ2, HοΑ3, HοΑ7	HoA of receiving MNs

Fig. 16

Home address	CoA	Lifetime	Multicast compatible flag	Multicast lifetime	Leave flag	Multicast address
HoAl	CoAl-I	520	gra va men sen d	10	0	li)
HoA2	CoA2-1	220	Freedom 1, 1, 1, 1, 1	0	0	69
HoA.3	CoA3-1	315		m	0	61
HoA4	The second secon	THE THE THE				
HoAš	CoA5-1	320		۲:	Ú	15
НоАб	Co <b>A</b> 6-1	400	0		0	69
HoA7	Co <b>A</b> 7-1	405	The state of the s	10	0	Ğİ
<b>,</b>						

Fig. 17



MF: Multicast compatible flag

LF: Leave flag

Fig. 18

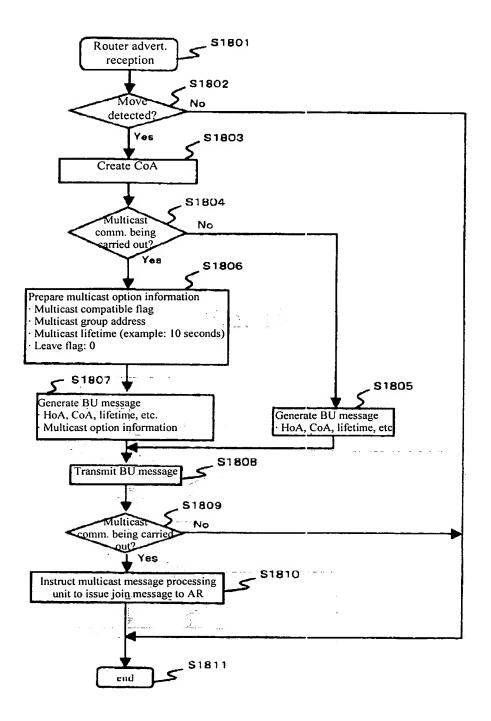


Fig. 19

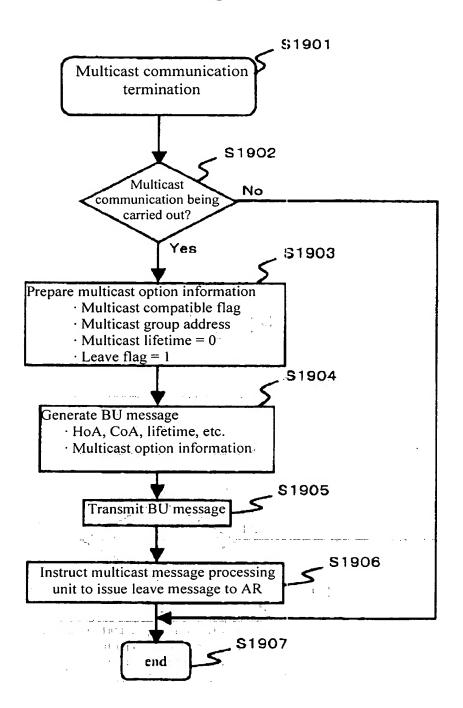


Fig. 20

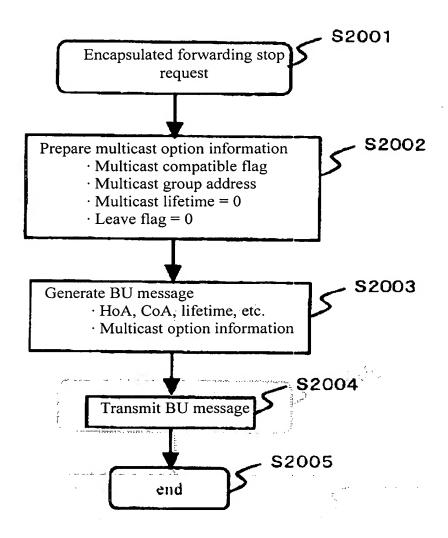


Fig. 21

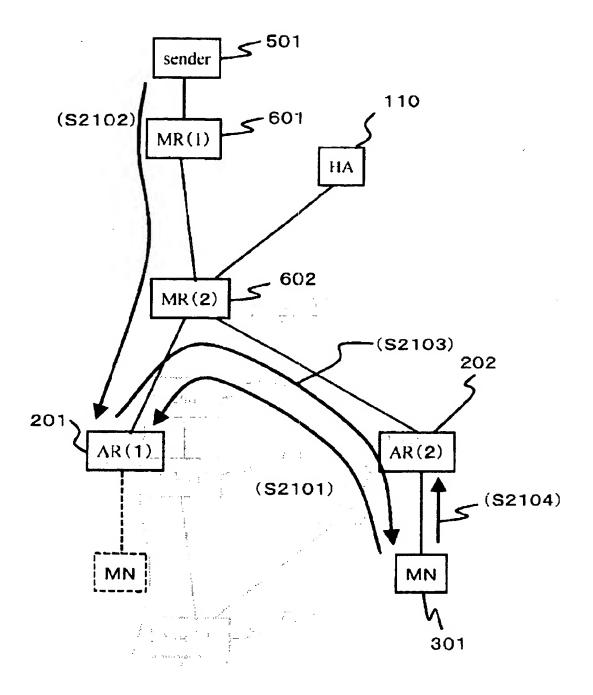


Fig. 22

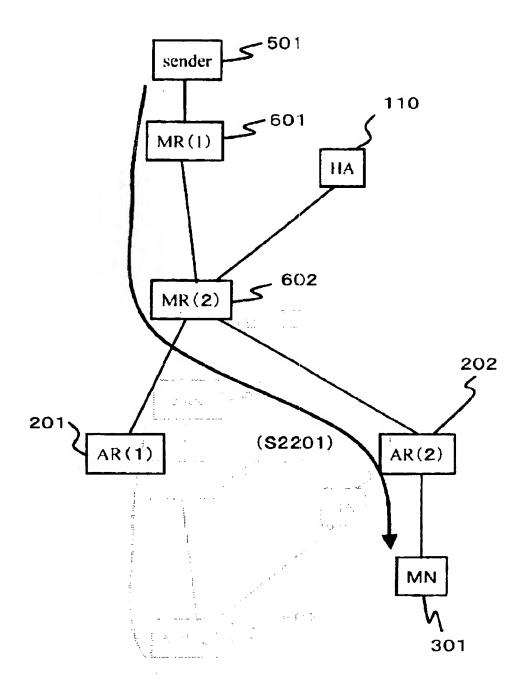


Fig. 23

201

Fig. 24

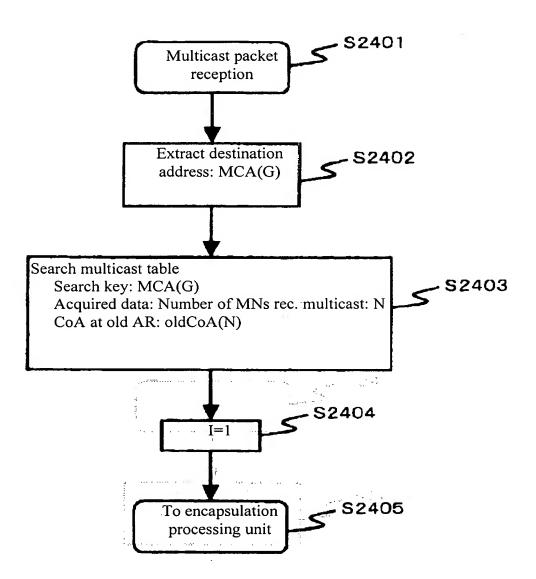
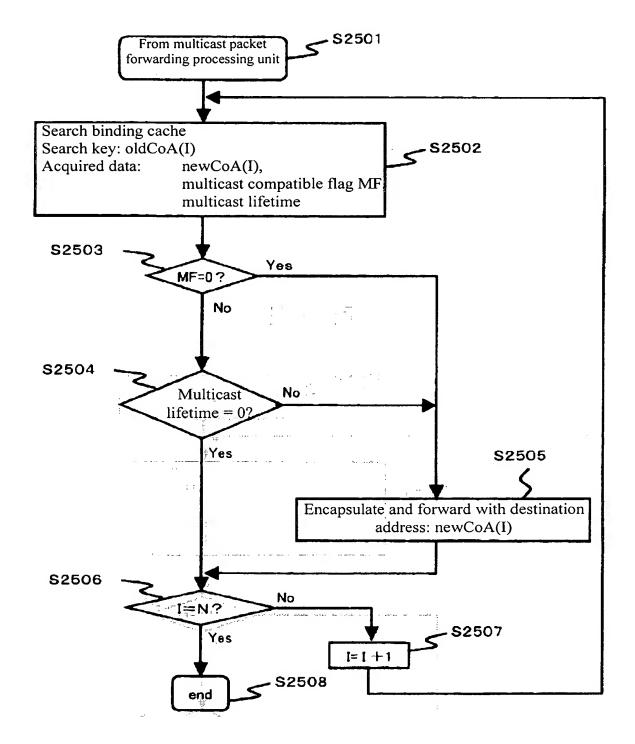


Fig. 25



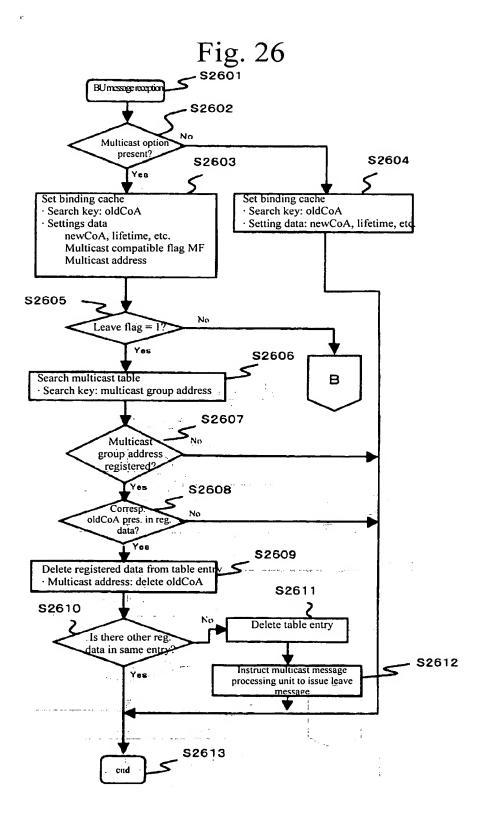
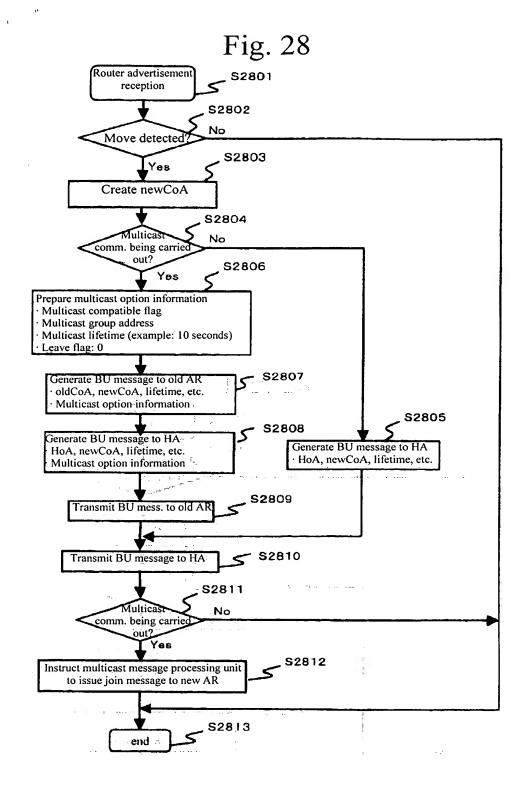


Fig. 27 В S2701 Search multicast table Search key: multicast group address S2702 No Multicast group address registered? S2705 Yes Generate table entry S2703 Multicast address: oldCoA oldCoA present in registered data? No Instruct multicast message S2704 processing unit to issue join Yes message Set table entry: Multicast address: add oldCoA S2706 S2707



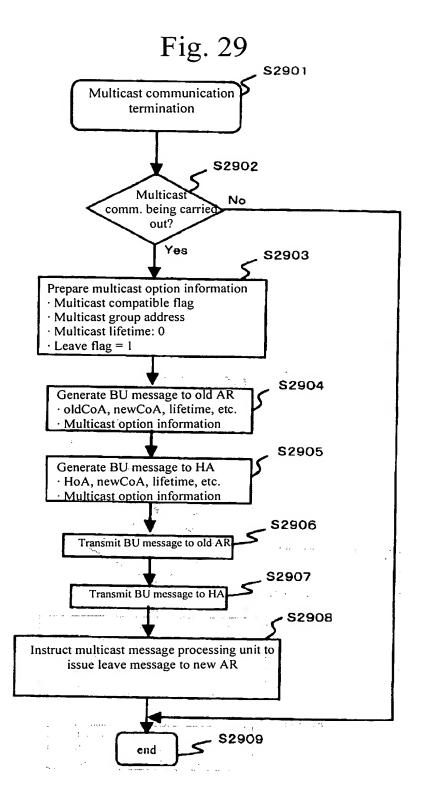


Fig. 30

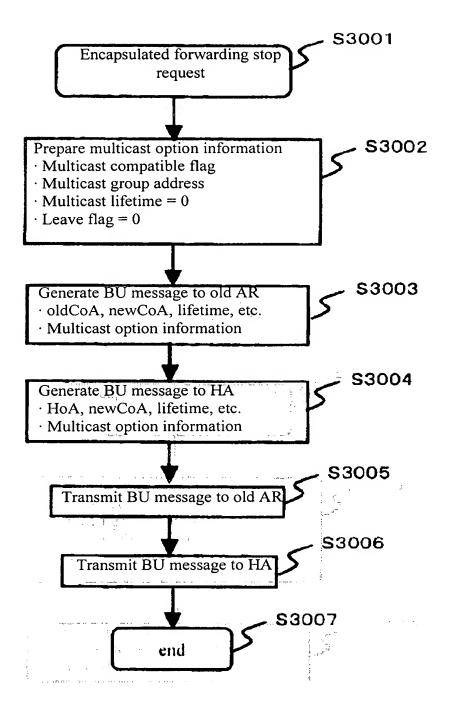


Fig. 31

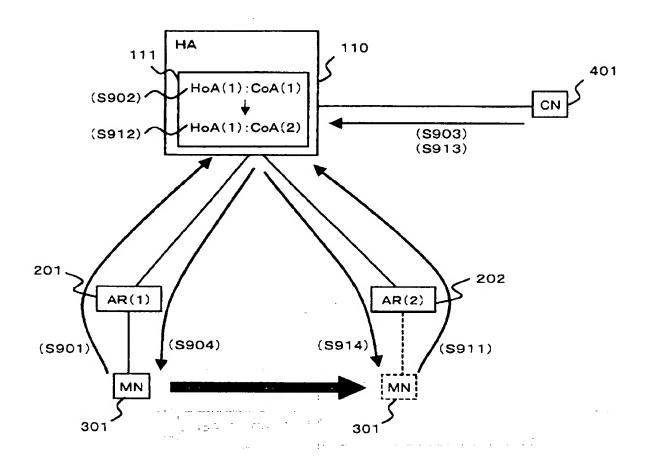


Fig. 32

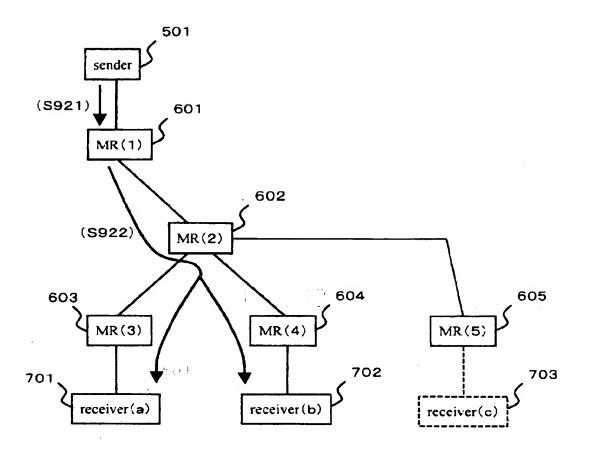


Fig. 33

